BHARTIYA INSTITUTE OF ENGINEERING & TECHNOLOGY, SIKAR
Department of Computer Science & Engineering
VI Semester
SUB: CLOUD COMPUTING(6CS4-06)
QUESTION BANK

Unit 1

Short Type Questions

1   What is Cloud Computing?

2   Explain various features of Cloud Computing.

3   Explain various Risks in Cloud Computing.

4   Explain advantages of Cloud Computing.

5   What are the challenges in Cloud Computing?

6   What are the components of Cloud Computing?

Long Type Questions

1   Explain different operational & economical benefits of Cloud

2   What are the various services provided by cloud to the end user?

3   Explain the ethical issues of cloud computing in detail.

4   Write short note on ubiquitous cloud.

5   What do you mean by IoT. Explain with an example.

6   What are the broad approaches for migration into Cloud.

7   Explain networking support with reference Cloud Computing.

8   Write short note on Historical development of cloud & Business impact of cloud.

Unit 2

Short Type Questions

1   What do you mean by Private Cloud?

2   What do you mean by Public Cloud?.

3   What do you mean by Hybrid Cloud?.

4   What do you mean by Community Cloud?

5   What is Map Reduce?

6   Explain Hadoop.

Long Type Questions

1 Give and explain the cloud reference model, along with its layers.

2 Give architectural design of compute and storage clouds

3 Write short note on fractures of cloud programming.

4 Explain parallel & distributed programming paradigms in cloud computing using an example

5 Explain NIST reference architecture of cloud.

6 Explain various High Level Languages for Cloud Computing.

7 Explain programming of Google App Engine.

8 Explain Fractures of Cloud Computing.

Unit 3

Short Type Questions

1 What is Virtualization?

2 Explain benefits of Virtualization.

3 What is Vmware?

4 What do you mean by Hyperviser?

5 What is Server Virtualization?

6 What is Desktop Virtualization?

Long Type Questions

1 What is network virtualization? Describe the various components in network virtualization.

2 What is virtualization technology?Explain implementation level of virtualization

3 Explain the difference between emulation, native, host virtualization,

4 Write Short note on Virtual cluster and resource management

5 Write Short note on Virtualization of data-center.

6 Explain CPU & I/O virtualization in detail.

7 Explain the term Xen & KVM Hyperviser.

Unit 4

Short Type Questions

1 What do you mean by Securing the Cloud?

2 What are security fundamentals of Cloud?.

3 Explain threats in Cloud?.

4   Explain the term SLA in Cloud?

5   What are security challenges in cloud computing?

6   Explain Risk Mitigation.

Long Type Questions

1   Explain cloud security services along with design principles.

2 Explain data security in cloud in contrast to - SLA, Risk Mitigation, Trust Management

3   What are cloud security requirements? Explain Design Principles for cloud

4   What are types of security policies for cloud computing?

5   What is BCP? Explain the importance & process of BCP.

6   What are the various ways to mitigate risk to cloud computing security?

7   Write short note on Trust Management.

Unit 5

Short Type Questions

1   Explain Amazon Web Services.

2   What do understand by Google App Engine.?

3   Write some Cloud application platform.

4   Explain Microsoft Azure.

5   What are the advantages & disadvantages of AWS.

6   Write some application of AWS.

Long Type Questions

1   Explain the architecture of Google App Engine .

2   Explain CRM and ERP.

3   Explain the term- (a) Cloud scientific application (b) Third party cloud services.

4   What do you understand by federated cloud? Explain with an example.

5   Describe the system architecture of Aneka using a suitable example.

6   Explain the data analysis application of cloud computing?

7   Write short note on Satellite Image Processing.